



INSTRUCTION MANUAL

5.5 Amp Orbital Jigsaw with Laser

Item # 5926-06

Model # MIQ-FE-65



PLEASE READ AND SAVE ALL INSTRUCTIONS TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.

TABLE OF CONTENTS

Table of Contents	P.1
Important Safety Instructions	P. 2
Rules for Safe Operation	P.3
General Safety Rules	P.4-5
List of Main Parts, Technical Specifications, Contents of Packaging	P.6
Adjustments, Inserting and Removing Saw Blades	P.7
Operation	P.8-10
Maintenance and Service Center	P.10
Warranty Information	P. 11
Warranty Card	P.12



IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ AND SAVE THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.

Safe operation of this power tool requires that you read and understand this operators manual and all labels affixed to the tool. Safety is a combination of common sense, staying alert, and knowing how your Jigsaw works.

1. **Always hold tool by gripping surface when operating power tool.**
WARNING: Be aware when cutting into a surface that may have hidden wires. **YOU MUST ALWAYS** hold tool by gripping surface or possible contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
2. **Wear ear protectors when using the tool for extended periods. Prolonged exposure to high intensity noise can cause hearing loss.**
3. **Avoid cutting nails. Pull all nails from work material before starting cutting operation.**
4. **Do not cut hollow pipe with this saw.**
5. **Before cutting, make sure space below material to be cut is deeper than saw blade.**
6. **Be sure blade is running before touching material to be cut.**
7. **Do not remove saw blade from material until blade stops moving.**
8. **Never touch moving parts with your hand.**
9. **Blind spots like walls and floors may contain live electric wires.**
10. **Do not touch metal parts of saw or the blade immediately after use. Blade will be HOT!**

SAVE THESE INSTRUCTIONS

RULES FOR SAFE OPERATION

SAVE THESE INSTRUCTIONS

WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles

IMPORTANT

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician.

WARNING:

Do not attempt to operate this tool until you have read thoroughly and understand completely all instructions, safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock, or serious personal injury. Save this operator's manual and review frequently for continuing safe operation and instructing others who may use this tool.

The operation of any power tool can result in foreign objects being projected into your eyes, which can result in severe eye damage. Before beginning tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always wear eye protection which is marked to comply with ANSI Z87.1.

CAUTION: Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

SAVE THESE INSTRUCTIONS!

GENERAL SAFETY RULES

WARNING! Read, understand and save all instructions. Failure to follow all instructions listed below may result in electric shock, fire or serious personal injury. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are a factor which cannot be built into this product, but must be supplied by the operator.

SAVE ALL INSTRUCTIONS!

WORK AREA

1. Keep your work area clean and well organized. Cluttered benches and dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep bystanders, children and visitors away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. Double insulated tools are equipped with a polarized plug (one blade is wider than the other.). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.
2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
3. Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords may create a risk of fire, or electric shock.
4. The use of any extension cord will cause some loss in the voltage. This will result in a loss of power and overheating. To keep it at a minimum, and to prevent the motor from burning out, avoid using an extension cord. If an extension cord must be used, it must be no longer than 25 feet with a minimum wire size not less than 14 AWG.
5. When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

PERSONAL SAFETY

1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing and gloves away from moving parts. Wear protective goggles when operating the machine. It is recommended to wear protective goggles, gloves, sturdy non-slipping shoes and an apron.
3. Avoid accidental starting. Be sure trigger switch is not engaged before connecting to a power outlet. Carrying tools with your finger on the trigger switch when the switch is engaged invites accidents. Disconnect tool from power outlet before carrying out any work on the machine.
4. Remove adjusting wrenches or Switches before turning the tool on. A wrench or key that is left attached to a rotating part of the tool may result in personal injury.



5. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
6. Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

LASER SAFETY

1. This tool emits laser radiation. Avoid direct eye exposure of any kind. Do not stare directly at the laser beam, or project beam into eyes of others.
2. Laser is not to be used if tool is at eye level, or being operated on reflective Surfaces. This causes the laser beam to be projected into your eyes or eyes of bystanders.

TOOL USE AND CARE

1. Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
2. Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
3. Do not use tool if trigger switch does not turn ON or OFF. Any tool that cannot be controlled with a trigger switch is dangerous and must be repaired.
4. Disconnect the plug from the power source before making any adjustments, changing saw blades or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
5. Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users. They should be kept away from work area.
6. Maintain tools with care. Keep saw blades sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
7. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tools operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
8. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous with use on another tool.

SERVICE

1. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
2. When servicing a tool, use only identical replacement parts. Follow instructions in the maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SAVE THESE INSTRUCTIONS!

LIST OF MAIN PARTS

1. Rocker Switch for Laser Guide
2. On/Off Trigger Switch
3. Locking Button
4. Dust Output /Vacuum Adapter
5. Hex Key Storage
6. Cutting Mode Selector
7. Guide Plate
8. Safety Guard
9. Laser Guide
10. Laser Battery Compartment



TECHNICAL SPECIFICATIONS:

Item Number	5926-06
Model Number	MIQ-FE-65
Rating Voltage	120 VAC
Frequency	60Hz
Amp	5.5A
No load speed	500~3000/SPM
Gross Weight	5 lbs.
Cutting depth	Wood Max. 2 3/8 inch. (60mm)
Capacities	Steel Max 3/16 inch. (5mm)
Cutting Angles	45 Degrees Left
	90 Degrees
	45 Degrees Right

Laser Specifications:

Class II Laser Product	
Rating Voltage	3 VDC
Average Power	<1.0Mw
Wave Length	650nm
Battery Type	AAA
Number of Batteries	2

CONTENTS OF PACKAGING

Check all loose parts from the box with the list below. Assemble according to the instructions on the following pages.

- a. Jig Saw w/Laser
- b. Wood Cutting blade
- c. Vacuum Adapter
- d. 2 AAA 1.5v Batteries (already in Laser Battery Compartment)
- e. Hex Key (all ready in Hex Key Storage)
- f. Instruction Manual

If any of the above items are missing, please contact our service department at 1-888-367-7373 (<http://www.wk-usa.com>) for replacement. Business hours Mon-Fri 9:00am-4:00 p.m Ct.

ADJUSTMENTS

Inserting and Removing Saw Blades

The following is a guide for installation and removal of saw blade.

Warning: Before installing or changing a blade, be sure the saw is unplugged from the power supply.

1. Loosen the two blade lock bolts (use hex key supplied) enough for a blade to be removed or inserted.

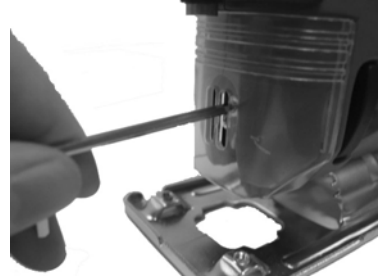


Fig. 1

2. Insert blade in slot with teeth facing forward. The blade's top should be inserted far enough to touch blade clip.



Fig. 2

3. While blade is in fitted slot and touching blade clip top, tighten the blade lock bolts securely.



Fig. 3

OPERATION

How to Start Jigsaw

1. Before you start make sure your saw blade and guard is secure.
2. Plug cord into power outlet.
3. Place saw near cutting surface. Make sure saw blade is down.
4. Position Speed Adjust Dial to desired stroke rate.
5. To start saw, press and hold the On/Off trigger switch.
6. To stop saw, release the On/Off trigger switch than remove saw from cutting surface.

General Cutting

Hold your saw firmly in front and clearly away from you. Make sure saw blade is clear of any foreign material and that power cord and extension cord are out of the blade path. Be sure material to be cut is held firmly. Small work pieces should be securely clamped in a vise or clamped to the work bench or table. Mark the line of cut clearly. Squeeze the Trigger Switch to start the cutting action. Set the Guard on the work surface, then move the saw blade into the work. DO NOT FORCE. Use only enough pressure to keep the saw cutting. Allow the saw blade and saw to do the work.

Variable Speed Control

The variable speed control is a 6-position speed dial switch located on the top front of the blade. By rotating the switch from 1 to 6, the blade speed can be set from 500 to 3000 SPM.

Stroke rate should be set for specific material being cut.

Continuous Rotation

Press and hold the On/Off trigger switch at the same time press the locking button. Pressing the locking button locks the tool into operating continuously. Pressing the On/Off trigger switch again will release the locking button to allow the tool to operate normally.

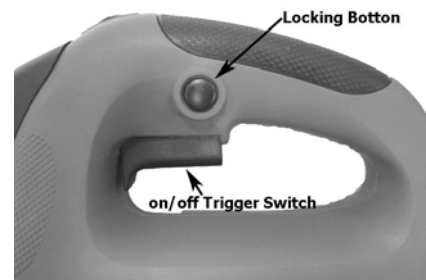


Fig. 4

Bevel Cutting

Warning: Before adjusting the cutting angles, be sure the saw is unplugged from the power supply.

The base plate can be tilted to cut any angle between 0 and 45 degrees right and left. Loosen the base plate adjustment screw and then rotate the base plate left or right to the desired angle. Tighten the base plate adjustment screw to secure base plate.



Fig. 5

Note: The base plate has a scale for setting 0 to 45 degrees. Use a protractor to set other angles.

Orbital Cutting

The cutting mode selector can be adjusted to select the straight cutting mode or orbital cutting mode. This saw has 4 position settings. The setting marked 0 is for straight cutting and the settings marked I, II and III are for orbital cutting.

Use of higher Orbit settings when performing intricate scroll cuts may cause blade breakage. Use lower orbit settings for scrolling. Orbit position "0" will produce the most accurate cuts with less splintering and the longest blade life.

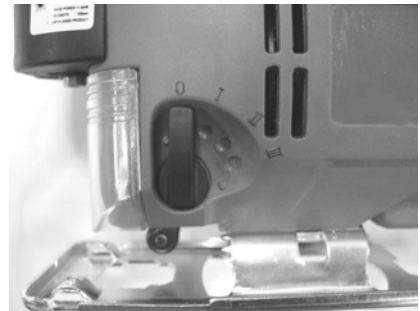


Fig. 6

Laser Guide Line

The saw is equipped with a battery powered laser guide which is designed to aid alignment of the blade with your cutting line. Push the rocker switch located on the battery compartment cover of the laser guide to turn it On or Off.

To replace the batteries, pull the upper part of the battery compartment cover up and then slide the lower part of the battery compartment cover away from the compartment.

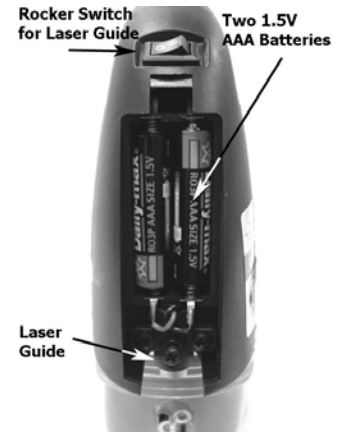


FIG. 7



Fig. 8

Warning:

1. Do not try to pull out the lower part of the battery compartment cover away from the battery compartment. Instead slide it out.
2. Do not try to loosen or tighten the screw through the screw hole on the battery compartment cover. This will cause laser guide line misalignment.
3. Be careful to observe the polarity indicated in the battery compartment.

MAINTENANCE

1. Unplug saw. DO NOT ATTEMPT any maintenance on the saw when saw is plugged into power outlet.
2. Keep the Cooling Vents on the motor housing clean and unobstructed at all times. Blow out any dust and dirt at regular intervals.
3. Never use any abrasive cleaning agents to clean the plastic parts.
4. This saw has been sufficiently lubricated from the factory therefore the saw does not need any additional lubrication during the lifetime of the saw.

SERVICE CENTER

If you have any question in regards to the operation of this power tool or are in need of a spare part please contact our service center at:

Wachsmuth & Krogmann, Inc.
Tel: 1-888-367-7373
(Business hours Mon-Fri 9:00am - 4:00pm CT)
Website: <http://www.wk-usa.com>

ENVIRONMENTAL PROTECTION



If the tool should no longer work at all, please make sure that it is disposed in an environmentally friendly way, by handing it into a public collection point. Please do not put it with your household waste.

LIMITED WARRANTY

Thank you for purchasing a top quality **KingCraft** product. This **Orbital Jig Saw with Laser** item #5926-06 was tested and meets our stringent quality standards. This product is warranted to be free from manufacturing defects in original materials, including original parts, and workmanship until **July 31, 2008** or 2 years with proof of purchase excluding saw blade.

The warranty is void if the defect is due to accidental damage, misuse, abuse, neglect, improper repair or alteration by unauthorized persons or failure to follow operation instructions provided with the product. This warranty does not apply to commercial use.

The warranty is non-transferable and applies only to the original purchase and does not extend to subsequent owners of the product. Liability under this warranty is limited to repair, replacement or refund. In no event shall liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall there be liability for any loss, direct, indirect, incidental, special or consequential damage arising out of in connection with use of this product. This warranty is valid only in the United States of America. This Warranty gives you specific legal rights. However you may have other rights that vary from state to state. Some states do not allow limitation on implied warranties or exclusion of consequential damages therefore these restrictions may not apply to you.

In case you find the product to be defective please send it within the warranty period to our service center. To avoid transport damages please send the product in the original packaging. In return you will either receive your repaired item, a new product or a refund. Please fill out the Warranty Card and send it together with the product and purchase receipt

To arrange pick-up of the defective item please call our service center:

Wachsmuth & Krogmann Inc.

Tel: 1-888-367-7373 (Business hours Mon-Fri 9:00am-4:00 pm CT)

Website: <http://www.wk-usa.com>

1800 Nicholas Blvd.

Elk Grove Village, IL 60007

USA

WARRANTY INFORMATION



PLEASE DETACH THIS SECTION AND RETURN IT WITH YOUR PRODUCT

WARRANTY CARD

KingCraft®

Kingcraft Orbital Jigsaw with Laser, Item # 5926-06, Model #MIQ-FE-65

In case you find this product to be defective please send it within the warranty period to our service center. To avoid transport damages please send the product in the original packaging. In return you will receive your repaired item, a new product or a refund.

Please fill in your details below and send it together with the product and purchase receipt. Please read the Limited Warranty conditions mentioned in this instruction manual.

Customer Name	
Street	
City	
State	
ZIP Code	
Purchase Date	
Description of Defect :	

To arrange pick-up of the defective item please call our service center:

Wachsmuth & Krogmann Inc.

Tel: 1-888-367-7373 (Business hours Mon-Fri 9:00am-4:00 pm CT)

Website: <http://www.wk-usa.com>

1800 Nicholas Blvd.

Elk Grove Village, IL 60007

USA

WARRANTY CARD